

AUG 3 1964

COLORADO

BUREAU OF MINES

FILED FOR RECORD

Date AUG 5 1964

G. A. Franz, Jr.

Assistant Commissioner of Mines



BUREAU OF MINES  
INFORMATION REPORT

Date July 21, 1964

County San Juan

Name of Operation Mogul

Operator Mogul Contract

Owner U.S. Smelting & Refining Co.

Person Locally in Charge John Distel

To Whom Shall Annual Report Be Sent

Producing / Development Exploration Part Time Idle  
Products Au., Ag., Pb., Zn., Cu. Monthly Rate of Production 50 ton  
Value of Products \$ .16, 3.5, 4., 4., 3.5, Number of Days Operated 300 19.64  
Men Employed: Total 6 Surface Underground Other

Location Head of Cement Creek, north of Gladstone

Description of Property & Operation The old tunnel is in about 900' to where they have built 4 chutes and started a shrinkage stope, the stope is up about 30'. Plan to lengthen the stope as the stope goes up.

Surface Buildings

1260049

Machinery, Compressors, Hoists, Etc. Battery motor, Joy 500 cfm compressor, Linco mucker Jacklegs, stopers, square ca and other machinery.

Type of Ground Support wood sets and stulls.

Ventilation natural

Geological Formation Line San Juan tuffs,

Size of Vein or Deposit up to 10' in places.

Miscellaneous (Obtain a Current Underground Map)

Inspector

District No. 4

AUG 3 1964

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Value of Products \$.16, 3.5, 4., 4., 3.5, Number of Days Operated 300 19 64

Men Employed: Total 6 Surface Underground Other

Location Head of Cement Creek, north of Gladstone

Description of Property & Operation The old tunnel is in about 900' to where they have built 4 chutes and started a shrinkage stope, the stope is up about 30'. Plan to lengthen the stope as the stope goes up.

Surface Buildings shed

Machinery, Compressors, Hoists, Etc. Battery motor, Joy 500 cfm compressor, Minco mucker Jacklegs, stopers, square ca and other machinery.

Type of Ground Support wood sets and stulls.

Ventilation natural

Geological Formation Lime San Juan tuffs,

Size of Vein or Deposit up to 10' in places.

Miscellaneous (Obtain a Current Underground Map)

Inspector

District No. 4



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SEP 23 1963  
COLORADO  
BUREAU OF MINES

Ref. 26  
002  
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Date SEP 25 1963  
G. A. Franz, Jr.  
Assistant Commissioner of Mines

**BUREAU OF MINES  
INFORMATION REPORT**

Date 9/11/63  
County San Juan

Mogul Tunnel	Base & Precious Metal Mine
Name of Operation	Kind of Operation
c/o John Distel	Silverton, Colorado
Operator	Address of Operator
U.S. Smelting & Refining Company	Salt Lake City, Colo.
Owner	Address of Owner
John Distel	Silverton, Colorado
Person Locally in Charge	Address of Person in Charge
	August 10, 1963 present operator
To Whom Shall Annual Report Be Sent	If New Operation, When Did Work Start
Producing..... Development <u>X</u> ..... Exploration <u>X</u> ..... Part Time <u>X</u> ..... Idle.....	
Products.....	Monthly Rate of Production.....
Value of Products \$..... <u>4</u> .....	Number of Days Operated..... 100..... 19 63
Men Employed: Total..... <u>4</u> ..... Surface..... Underground..... <u>4</u> ..... Other.....	

Location This operation is located in Cement Creek about 10 miles North of Silverton, Colorado. Elevation 11,000 feet.

Description of Property & Operation Operator is re-opening this mine for mining purposes. Portal has been cleared out, retimbering is in progress, installing 2600 feet of air line. Tunnel is about 6 X 7 in size with a length of about 3000 feet., from portal. Small caves are about 1400 feet in from portal. Plan to start a stope about 2000 feet from portal. Extracting pillars on upper levels. Extensive underground workings stopes, raises, connections, with other mines.

Surface Buildings Large wooden ore bin.

Machinery, Compressors, Hoists, Etc. one 365 Le Roi Compressor, one battery trammer, tram cars, one drilling machine, hoses and hand tools.

Type of Ground Support Square sets

Ventilation Natural

Geological Formation San Juan Tuff

Size of Vein or Deposit Fissure

Miscellaneous (Obtain a Current Underground Map)

s/s John Pakka  
Inspector District No. 4

Mogul

FILED FOR RECORD  
Date 11-1-56  
W. E. SCOTT, JR.  
Commissioner of Mines

INFORMATION REPORT

COLORADO BUREAU OF MINES

220 Museum Building  
Denver 2, Colorado

187

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OCT 9 - 1956

COLORADO

BUREAU OF MINES

Date Oct. 4, 1956

County San Juan

Walter E. Scott, Jr.  
Commissioner of Mines

Name of Operation Mogul

Kind of Operation Au., Ag., Pb., Zn., Cu. Mine

Operator Claude Robinson, Ward Barlow, James Carver

Owner U.S. Smelting & Refining Co.

Address Silverton, Colo.

Address Salt Lake City, Utah

Person Locally in Charge Claude Robinson

Address Silverton, Colo.

To Whom Shall Annual Report be Sent Claude Robinson

If New Operation, When Did Work Start June 1956

Producing / Development        Exploration        Part Time        Idle         
Products Au., Ag., Pb., Zn., Cu. Monthly Rate of Production 400 ton  
Value of Products \$        Number of Days Operated 190 195.6  
Men Employed: Total 4 Surface 2 Underground 2 Other       

Location Cement Creek, 10 miles from Silverton, N. M.

Description of Property & Operation Pulling chutes and mucking out old drift that has been gobbed with ore

Surface Buildings Old ore bin

Description of Plant or Mill Ship ore to Lead Carbonite Mill

Machinery, Compressors, Hoists, Etc. GD compressor  
GD mucker  
stoper  
Jackleg  
Air Trammer 6 end dump cars 1 ton and other tools

Ventilation Natural

Fire Protection Water

First Aid Kit

Miscellaneous

Inspector Elzie Ray  
District No. 4

*Misc M*

FILED FOR RECORD  
Date 1-27-56  
W. E. SCOTT, JR.  
Commissioner of Mines  
WALTER E. SCOTT, JR.  
COMMISSIONER OF MINES

COLORADO BUREAU OF MINES  
220 Museum Building  
DENVER 2, COLORADO

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JAN 5 - 1956  
COLORADO  
BUREAU OF MINES

INFORMATION REPORT

235

Dec. 24, 1955

Name Mogul

Underground Mine ☒ Concentrator ☐  
Open Pit ☐ Smelter ☐  
Placer ☐ Drilling Well ☐  
Quarry ☐ Producing Well ☐  
Tunnel Project ☐  
Road Project ☐

Location Cement Creek County San Juan

Name of Operating Company Gifford & Grant

Address Silverton, Colo.

Name of owner U.S. Smelting & Refining Co.

Address Salt Lake City, Utah

Person locally in charge Sherman Smith Title Foreman

To whom shall ANNUAL REPORTS be sent Gifford & Grant

Address Silverton, Colo.

Producing ☒ Development ☐ Exploration ☐ Part time ☐ Idle ☐

Principal products Au., Ag., Pb., Zn., Cu.

Rate of production 600 ton a month

Mill capacity ☐

Value of products ☐

Description of Operation Mining from shrink and open stopes about 500' above the main level. Ore is from 5' to 20' wide but close to surface. Ore is hauled out a 500' tunnel with a diesel motor, and hauled to the Pride Mill for milling.

If new operation, when did work start May to November

Total number of days operated during year 150

Average number of all employees 4

Surface (including office, etc.) ☐ Underground 4 Other ☐

Elzie Ray  
STATE METAL MINING INSPECTOR

District No. 4

Ref. 26  
005

COLORADO BUREAU OF MINES  
220 Museum Building  
DENVER 2, COLORADO

WALTER E. SCOTT, JR.  
COMMISSIONER OF MINES

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JAN 25 1955  
BUREAU OF MINES  
J.P.

INFORMATION REPORT

Feb. 24 1955

Name.....Hogul Mine.....

Underground Mine.....X.....	Concentrator.....	Drilling Well.....
Open Pit.....	Smelter.....	Producing Well.....
Placer.....		Tunnel Project.....
Quarry.....		Road Project.....

Location.....Cement Creek 15 miles n.e. Silverton.....County.....San Juan.....

Name of Operating Company.....Grant G. Gifford.....

Address.....Silverton, Colo.....

Name of owner.....U. S. Smelting & Refining Co.....

Address.....Salt Lake, Utah.....

Person locally in charge.....George Ringel.....Title.....Foreman.....

To whom shall ANNUAL REPORTS be sent.....Grant G. Gifford.....

Address.....Silverton, Colo.....

Producing.....X.....Development.....Exploration.....Part time.....Idle.....

Principal products.....Au. Ag. Pb. Zn. Cu.....

Rate of production.....600 ton a mo.....

Mill capacity.....

Value of products......05 .09 2% 3% 3%.....

Description of Operation.....Mining on upper level - shrinking ore body near surface & pulling it out tunnel 300ft. below mining around old workings - shut down during winter mo.....

.....

.....

.....

If new operation, when did work start.....-

Total number of days operated during year.....200.....

Average number of all employees.....6.....

Surface (including office, etc.).....1.....Underground.....5.....Other.....

Elsie Ray  
STATE METAL MINING INSPECTOR

District No. 4



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JUL 29 1980

DIVISION OF MINES  
Department of Natural Resources  
**INFORMATION REPORT**

No. I-68

RECEIVED

JUN 13 1980

DATE DIVISION OF MINES  
June 6, 1980

Date  
County San Juan

**AMERICAN TUNNEL**

Name of Operation

Standard Metals Corporation

Operator

Phone:

Standard Metals Corporation

Owner

Phone:

Dave Stalker

Person Locally in Charge

Standard Metals Corporation

To Whom Shall Annual Report Be Sent

Mine

Kind of Operation

Box 247, Silverton, CO 81433

Address of Operator

Box 247, Silverton, CO 81433

Address of Owner

Silverton, CO 81433

Address of Person in Charge

Continued

If New Operation, When Did Work Start

Producing ☒ Development ☒ Exploration ☐ Part Time ☐ Idle ☐  
Products Base Metals Monthly Rate of Production 20,000 tons  
Value of Products \$ \$75.00 ton mined ore Number of Days Operated 260 days 19 80  
Men Employed: Total 118 Underground 98 Surface 20

Location: Section 21 Township 42N Range 7W N.M.P.M.

The American Tunnel is located in Gladstone.

Total Acres Mined \_\_\_\_\_ Acres Mined During Year \_\_\_\_\_ Acres Reclaimed During Year \_\_\_\_\_  
Dump or Stockpile Area: Total Acres Two (2) Acres Reclaimed During Year \_\_\_\_\_

Description of Property & Operation  
The operator is still in the process of cleaning up after the flood. At the time of this report the company has started mining in two stopes. One finished stope is being pulled, along with millable cleanup muck to keep the mill in operation. The retimbering of the main raise, which connects the main level with the Terry Tunnel level was completed toward the end of 1979. The mine has eight levels, of which the company has cleaned up the main level and the Terry Tunnel level. The two ore passes have been unplugged and are back in use. The company plans to be back in full production toward the end of the year. Cleanup on the other levels will continue through the year.

Surface Buildings  
SURFACE BUILDINGS:  
1 - Metal Building - shop 1 - Snow Shed  
1 - Metal Building - office, dry room and warehouse. 1 - Metal Building - carpenter shop

Machinery, Compressors, Hoists, Etc.  
SEE ATTACHED LIST.

Type of Ground Support Steel Sets - Square Sets - Bolts & Matts and Mesh - Pillars  
Ventilation Natural - Incast Portal - 93,000 cfm  
Geological Formation Volcanic Phyolite and Latite - San Juan Tuff  
Size of Vein or Deposit Average 12 ft. Vertical.  
Miscellaneous (Obtain a Current Underground Map)

*American Tunnel*



FILED FOR RECORD

Date OCT 13 1971

BUREAU OF MINES  
Department of Natural Resources  
INFORMATION REPORT  
No. I-144

Date September 22, 1971

County San Juan

Assistant Commissioner of Mines

AMERICAN TUNNEL

Name of Operation

Standard Metals Corporation (D.I.P.)

Operator  
Phone 387-5533

Standard Metals Corporation

Owner

Allen G. Bird

Person Locally in Charge

Standard Metals Corporation

To Whom Shall Annual Report Be Sent

Producing ☒ Development ☒ Exploration ☐ Part Time ☐ Idle ☐  
Products Lead, silver, zinc, gold, & copper Monthly Rate of Production 15,000 tons  
Value of Products \$ Variable Number of Days Operated 240 days 19 71  
Men Employed: Total 104 Underground 94 Surface 10 Other

Mine - Adit

Kind of Operation

Box 247, Silverton, Colorado 81433

Address of Operator

Box 247, Silverton, Colorado 81433

Address of Owner

2805 Oak Drive, Durango, Colorado 81301

Address of Person in Charge

Continuous from 1970

If New Operation, When Did Work Start

Location The American Tunnel is located seven miles northeast of Silverton, Colorado..

Sec 21 T42N R7W

Description  
of Property  
& Operation

Refer to current map for stope mining and development.

This property, both mill and mine, were temporarily closed from March 18, 1971 to May 20, 1971 due to financial difficulties. Stope areas to four upper levels have been mined and extended.

Inclines will be driven on the vein from each succeeding level. Plans are to use a 911-diesel Eimco mucker to drive the inclines. These plans are to eliminate the problem of plugged ore passes in upper levels. The main service raise would have to be extended to reach these levels.

Surface  
Buildings

No new buildings -- same as 1970.

Machinery,  
Compressors,  
Hoists, Etc.

New machinery added:

- 1 - Eimco 911-Loader/Hauler
- 2 - New Drills No. 83 w/Legs
- 1 - Beebee Hoist (air operated)

Other equipment same as 1970.

Type of Ground Support

Square Sets - Rock Bolts - Pillars Steel Sets - Matting

Ventilation

Mechanical

Geological Formation

Volcanic Rhyolite and Latite - San Juan Tuft

Size of Vein or Deposit

Fissure Veins

Miscellaneous (Obtain a Current Underground Map)

MAPS - Current -- will be completed  
in September 1971.

qsb

Thomas D. High  
Inspector

American Tunnel

4

District No.



Ref 003

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BUREAU OF MINES

7

Page 2  
Description of Property & Operation

men working on G, H, and A levels. Figure SS-2 shows the general work areas on a generalized schematic diagram of the mine.

The mining method for extracting the ore is shrinkage stoping. Presently haulage drifts are driven in the ore with slusher drifts located 20 to 30 feet above the haulage. Future stopes will be developed with the haulage drifts in the footwall and short crosscuts over to the vein so the ore pillar presently left between the slusher and haulage drifts can be eliminated. A central timbered raise is driven between two levels before stoping begins and a cribbed raise is carried up at each end of the stope as the stoping progresses. No other timber is used in the stopes and only occasional timber support is necessary in the haulage drifts. Stopes are left unfilled after the ore has been removed and they usually stand for many years without caving. Many older stopes were mined with no connecting raises between levels, thus there are few travelways between levels below F level. However, in general for each vein with raises (one or several) connecting two levels a representative raise will be shown. Most of the raises are travelable. The Sunnyside and Washington veins are connected continuously from F and A levels respectively, to surface but these connections are generally not travelable.

Access to the mine is through the approximately two mile long American Tunnel which is on the bottom level of the mine, A level, at an elevation of 10,600 feet. This tunnel is lightly timbered for short distances. A snow shed, a shop and some offices are located near the portal. Men and supplies are hoisted to H, G and F levels in the Washington Incline Shaft. This shaft, which is inclined 80 degrees is a timbered two compartment shaft. One compartment contains a man cage with a capacity of 15 men and a hoisting speed of 200 to 300 feet per minute. The other compartment contains pipes, cables, and a manway and the hoist rope for the hoist which is located on A level. Access to stopes above F level is either by climbing up the stope raises or riding timber slide skips which are operated by compressed air tugger hoists on F level.

Two shafts above F level, the Terry and Washington Vertical, are inactive and no longer equipped for hoisting. These two timbered shafts are not connected to surface, however old stopes close to the shaft collars are open to surface. A service raise is planned which will connect F level, and any active levels above to surface. The one mile long Terry Tunnel on the southeast end of F level connects to surface and is occasionally used for transporting supplies into the mine during the summer. The Terry portal is high on a mountain slope and is accessible by snow mobile in the winter. The Mogul raise also connects F level as well as B and No. 1 levels to surface, but this part of the mine is inactive and has not been travelled for some time.

Ore is hauled out of the mine through the American Tunnel by two 150 horsepower diesel locomotives which also serve to transport supplies into the mine. An ore pass near the Washington Incline Shaft is used to transfer ore from F, G, and H levels down to A level. On F level a 90 horsepower diesel locomotive and two 6-ton battery locomotives are used for transferring ore from the stope ore passes to the main ore pass and also for delivering supplies to the stopes. Battery locomotives are used on the other active levels for delivering supplies.

Page 3

Description of Property & Operation

The electric power to the mine is reduced from 17 KV to 4160 volts at the American Tunnel portal. A 4160 volt line runs through the American Tunnel and up the Washington Incline Shaft to F level. Substations near the hoist-room on A level near the shaft stations on H and G levels, and near the top of the Washington Incline as in the Terry Tunnel on F level transform the 4160 volts down to 440 volts for use in the mine.

The mine phone system connects the shaft stations on all levels below and including F level to surface through the Washington Incline and the American Tunnel. There are few phones in the mine on separate circuits which connect the tops and bottom of several raises above F level. Consideration has been given to extending the present phone system to connect the active workings above F level to surface.

The main air compressor station, with a capacity of 2400 cfm, is at the bottom of the Washington Incline. A second compressor station, with a capacity of 600 cfm, is located near the inby end of the Terry Tunnel on F level. These two compressor stations are connected through the compressed air line which runs up the Washington Incline and along F level with branch lines to the various work areas. A third compressor station, also with a 600 cfm capacity, is located on H level but is not in use. Drill water is pumped to the active headings from a sump on F level by 22 horsepower electric pump through water lines which generally parallel the compressed air lines.

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## INFORMATION REPORT

RECEIVED  
JUN-1 1959  
COLORADO  
BUREAU OF MINES

Date

6-18-59

G. A. Franz, Jr.  
Assistant Commissioner of Mines  
Commissioner of Mines

COLORADO BUREAU OF MINES

220 Museum Building  
Denver 2, Colorado

Date May 14, 1959

County San Juan

American Tunnel (Lower Gold King)

Name of Operation

Standard Uranium Company

Operator

Silverton, Colo.

Address

Bob Hurst

Person Locally in Charge

To Whom Shall Annual Report be Sent

Lead, Zinc, Gold, Silver, and Copper Mine

Kind of Operation

Standard Uranium Company and others.

Owner

Silverton, Colo.

Address

Silverton, Colo.

Address

March, 15, 1959.

If New Operation, When Did Work Start

Producing..... Development ☒ Exploration..... Part Time..... Idle.....  
Products Lead, Zinc, Gold, Silver, Copper Monthly Rate of Production.....  
Value of Products \$..... Number of Days Operated 225 195.9  
Men Employed: Total 7 Surface 2 Underground 3 Other 2

Location

This operation is located on Cement Creek at Gladstone.

Description  
of Property  
& Operation

Operator is reopening this old tunnel. Plans call for about 200 feet  
of steel drift sets, then slabling 6200 feet of the tunnel to a 9x9.  
4200 feet of drifting from the 6200 foot mark, then about 300 feet  
of raising to connect with old Sunnyside workings.  
Main haulage track will be 52 pound rail with a 36 inch guage.

Surface  
Buildings

None at present- Plans call for all steel buildings.

Description  
of Plant  
or Mill

None- About 700 ton floatation type plant at Silverton, Colo.

Machinery,  
Compressors,  
Hoists, Etc.

Two 686 Gardner-Denver electric powered air compressors, one 14  
ton Diesel Manchu motor, drilling machines mounted on a air track  
frame, two air track Emico mucking machines, tram cars, hoses,  
and hand tools.

Ventilation

Plans call for a 150 H.P. motor driven fan- 24 inch steel vent line.

Fire  
Protection

Water

First Aid

First Aid Kits and Stretchers.

Miscellaneous

John Harold Pakka

Inspector

District No. 4

Miss a